

## UTILITY

PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.

20272/0701

First Named Inventor or Application Identifier

Jonathan Samuel Dring

Title

Arc Detection

Express Mail Label No.

## APPLICATION ELEMENTS

ADDRESS TO:

Commissioner for Patents  
Box Applications  
Washington, D.C. 20231

1. ☒ Filing fee as calculated below.
2. ☐ Applicant claims small entity status  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **[10]**]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Pages **[1]**]
5. ☐ Oath or Declaration [Total Pages **[2]**]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 16 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b)
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ Microfiche Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence  
Submission (if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR § 1.76::

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_  
Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label30678  
(Insert Customer No. or Attach bar code  
label here)or ☐ correspondence address below

NAME

Connolly Bove Lodge &amp; Hutz LLP

ADDRESS

Suite 800

1990 M Street, N.W.

CITY

Washington

STATE

DC

ZIP CODE

20036-3425

COUNTRY

U.S.A

TELEPHONE

(202) 331-7111

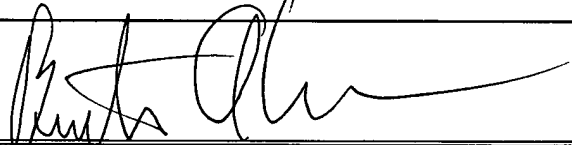
FAX

(202) 293-6229

### Fee Calculation and Transmittal

(Col 1)			(Col 2)		(Col 3)		SMALL ENTITY		NON-SMALL ENTITY	
NO. FILED			NO. EXTRA		RATE		FEE		RATE	
TOTAL	18	minus	20	=	x9=			\$	x18=	\$
INDEP	7	minus	3	=	x42=			\$	x84=	\$336
_ First Presentation, Multiple Dependent Claims					+140=			\$	+280=	\$
Base Filing Fee							\$370		\$740	
Other Fee (specify purpose) <u>Assignment recordal</u>							\$		\$40	
TOTAL FILING FEE* (accounting for possible small entity status)							\$		OR TOTAL	\$1116

- ☐ A check in the amount of \$ \_\_\_ to cover the filing fee is enclosed
- ☐ No payment is enclosed at this time. Full payment will be made when the executed Declaration is submitted.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. **22-0185** as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$1116 as filing fee
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 CFR § 1.16
- ☒ Charge any additional filing fees required under 37 CFR § 1.17

Name (Print/Type)	Burton A. Amernick	Registration No. (Attorney/Agent)	24,852
Signature			Date
			February 26, 2002

FORM 10-0260